	Observed vs. Predicted Comparisons Protocol O Validation Data			
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NI.	Sensitivity Analysis 1 ^a		Sensitivity Analysis 2 ^b	
No. eyes	n = 56		n = 56	
No. meas. pairs	N = 112	N = 112	N = 112	N = 112
CST, µm	Spectralis	Cirrus	Spectralis	Cirrus
Mean (SD)	394 (135)	372 (140)	394 (135)	372 (140)
Median (IQR)	347 (306, 434)	336 (283, 400)	347 (306, 434)	336 (283, 400)
Compared to CST, µm	Predicted	Predicted	Predicted	Predicted
	Spectralisc	Cirrusd	Spectralise	Cirrusf
Mean (SD)	393 (133)	370 (126)	393 (133)	372 (127)
Median (IQR)	359 (308, 419)	326 (287, 407)	356 (308, 420)	328 (289, 410)
Absolute difference, µm, % ^g				
Min	0, 0%	0, 0%	0, 0%	0, 0%
5th percentile	2, 0%	1, 0%	2, 0%	1, 0%
10th percentile	2, 1%	2, 1%	3, 1%	2, 1%
25th percentile	6, 2%	5, 1%	6, 2%	5, 1%
Mean	21, 5%	21, 6%	22, 5%	21, 6%
Median	13, 4%	10, 3%	12, 4%	9, 3%
75th percentile	20, 6%	24, 6%	21, 6%	22, 6%
90th percentile	48, 10%	47, 13%	47, 10%	50, 11%
95th percentile	83, 18%	83, 19%	89, 18%	89, 20%
Max	184, 49%	195, 61%	190, 51%	195, 64%
Difference, μm, % ^g				
Min	-143, -35%	-195, -36%	-143, -35%	-195, -36%
5th percentile	-58, -16%	-47, -10%	-61, -17%	-50, -11%
10th percentile	-36, -8%	-30, -5%	-39, -7%	-27, -5%
25th percentile	-9, -2%	-11, -4%	-10, -3%	-9, -3%
Mean	-1, 0%	-3, 1%	-1, 0%	-0, 1%
Median	4, 1%	-4, -1%	5, 1%	-2, -1%
75th percentile	14, 4%	6, 2%	13, 4%	9, 3%
90th percentile	20, 6%	30, 8%	20, 6%	31, 9%
95th percentile	35, 8%	58, 17%	43, 8%	60, 20%
Max	184, 49%	146, 61%	190, 51%	152, 64%

^a In Sensitivity Analysis 1, the conversion equations were estimated from the training data when two levels of random effects (participant and eye) were specified.

^b In sensitivity analysis 2, the conversion equations were estimated from the training data when sex and sex-instrument interaction terms were included in the regression equation, and one level of random effects (eye) were specified.

[°] Predicted Spectralis = 40.09 + 0.95 × Cirrus

^d Predicted Cirrus = 3.24 + 0.94 × Spectralis

e Predicted Spectralis = 36.16 + 12.28 x Female + 0.97 x Cirrus - 0.05 x Cirrus x Female

^f Predicted Cirrus = 6.07 – 12.39 × Female + 0.92 × Spectralis + 0.05 × Spectralis × Female

⁹Differences were calculated as (Predicted – Observed value) and relative differences as [(Predicted – Observed value)/Observed value]*100%.